

# UHF STRIP TAG

## IDT ST110



The RFID Strip Tags (IDT ST110) are UHF Gen2 Long range passive tags that boast an array of impressive features. With their large size, these tags provide ample surface area for optimal readability and easy application on assets such as pallets, crates, and containers. The Strip Tags come with a remarkable 10m read range, ensuring reliable and accurate data capture even in challenging environments. Additionally, these tags are built with an IP68 rating, making them resistant to dust and water ingress, further enhancing their durability and performance.

### PHYSICAL PARAMETERS

<b>Dimension</b>	110mm x 22mm x 16mm
<b>Weight</b>	30g ± 4
<b>Encasement / Material</b>	ABS/PC
<b>Packaging</b>	Premium Plastic Packing

### ENVIRONMENTAL SPECIFICATION

<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-40°C to +85°C
<b>Chemical Resistance</b>	Resistant To Chemical Solvent and Moisture
<b>Shock &amp; Vibration</b>	MIL STD 810-G
<b>Attachment</b>	Adhesive / Rivets & Screws
<b>Sealing</b>	IP 68

## RFID PERFORMANCE

<b>Working Frequency</b>	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
<b>Standard Protocol</b>	EPC Class 1 Gen 2v2, ISO 18000-6C
<b>Chip Type</b>	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
<b>EPC Memory</b>	Chip Dependent
<b>TID Memory</b>	Chip Dependent
<b>Read Range Fixed Reader</b>	Up to 10m (Reader & Chip Dependent)
<b>Read Range Handheld Reader</b>	Up to 8m (Reader & Chip Dependent)

## PERSONALIZATION

<b>Pre-Encoding</b>	Customer Specific Encoding of EPC
<b>Customized Printed</b>	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

## ORDER INFORMATION

<b>Part No.</b>	IDT.RF.T.ST110.BL (Blank)
	IDT.RF.T.ST110.AI (Adhesive Indoor)
	IDT.RF.T.ST110.AO (Adhesive Outdoor)

## APPLICATION AREA



Warehouse



Construction



Manufacturing



Supply Chain



Transportation



Logistics



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